

LAKE COUNTY BCC
SPECIFICATIONS FOR THREE (3) 4x4 RUBBER TIRE BACKHOE/LOADERS

Lake County is currently seeking quotes for the purchase of three (3) 4x4 rubber tire backhoe/loaders, in accordance with these specifications and minimum requirements.

The machines offered in the quote shall be the manufacturer's standard equipment with no alterations. The County will not lease or purchase altered machines or custom designed machines unless expressly provided for in this document. All machines shall be a 2015 model unless otherwise specified. The machines must be new and unused in current production. Used, demonstrator, prototype or discontinued models are not acceptable. The machines shall be equipped with the manufacturer's standard equipment and accessories which are included as standard in the published specifications for the unit. No such item of equipment shall be removed or omitted for reason that it was not specified in the bid. Any accessories not specifically mentioned herein but necessary to furnish a complete engineered unit ready for use shall be included.

The machines shall be manufactured so as to be in strict conformance to all standards applied by any Federal or State regulations. Lights, brakes and all other devices, shall be in accordance with industry standards and established safety requirements as well as those safety and highway standards required by Local, State and Federal regulations, specifically including those of the US Department of Transportation.

The machines offered shall comply with these specifications. This checklist shall be returned with the quote. The vendor shall identify below if it is compliant or not compliant. If not compliant, the exceptions or deviations shall be identified by item number and letter and fully explained on a separate sheet attached to this checklist. If submitting your quote electronically, please FAX this checklist and exceptions list to 352-343-9473, attention Donna Villinis.

MINIMUM REQUIREMENTS: The machines offered in the quote shall have, at a minimum, the following:

1.0 General

- 1.1 Enclosed cab with heat and air conditioning.
- 1.2 Right and Left doors to operator's station.
- 1.3 Air suspension operators seat
- 1.4 Two outside, one inside rear view mirror
- 1.5 10 halogen or LED Front, Rear, and side lights on cab
- 1.6 Interior light
- 1.7 Front and Rear turn signals, 4-way hazard lights
- 1.8 Brake / tail lights on cab
- 1.9 40 gallon fuel tank minimum
- 1.10 Transport height not to exceed 11' 9"
- 1.11 Cup holder, operator manual storage compartment, and two 12 volt outlets shall be provided.

Comply: Yes_____ No_____

2.0 Engine / Transmission / PTO

- 2.1 4 cylinder tier 4 turbo diesel engine
- 2.2 260 cubic inch 4 liter minimum.
- 2.3 95 engine HP & 295 lb.-ft. torque minimum, 105 HP Maximum.
- 2.4 Manual control 4WD from cab.
- 2.5 5 speed auto shift transmission with hydraulic reverser; electric clutch cutoff on loader lever
- 2.6 F-N-R selector located on left side steering column with gear selector
- 2.7 25 MPH travel speed
- 2.8 Automatic traction control
- 2.9 Foot actuated rear axle locker

Comply: Yes_____ No_____

3.0 Tires & Brakes

- 3.1 Service Brake shall be power assist hydraulic wet disk, self-adjusting and equalizing.
- 3.2 Parking Brake shall be spring applied, hydraulically released, wet disk and independent of service brake, electronically applied.

Comply: Yes_____ No_____

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- 4.0 Hydraulics & Buckets
- 4.1 1.25 CY loader bucket with replaceable cutting edge
 - 4.2 24" – 7.5 cu. ft. backhoe bucket
 - 4.3 Backhoe controlled by two levers or joysticks

Comply: Yes_____ No_____

- 5.0 Warning system
- 5.1 Unit shall be equipped with illuminated electronic gauges with audible warning for: engine coolant temperature, oil temperature and fuel level.
 - 5.2 The monitor system shall have audible and visual warnings: engine air restriction, low alternator voltage, engine oil pressure and temperature, hydraulic filter restriction, parking brake on/off, and low brake pressure. The seat belt will have a digital warning.
 - 5.3 Shall be equipped with water in fuel warning indicator.

Comply: Yes_____ No_____

These are minimum specifications. The County reserves the right to waive technicalities and accept the vehicle or equipment that is best suited to its needs. All quotations are subject to analysis by County staff.

All deviations or exceptions to the above specifications must be listed by item number on company letterhead submitted with your quotation.

By submitting a quotation, vendor affirms that the vehicle make and model offered fully meets all above requirements. Any exceptions to the stated requirements are explained on the following page on company letterhead. Failure to submit exceptions list (if any) may disqualify the quotation from consideration.

YEAR / MAKE / MODEL BEING QUOTED: _____

DELIVERY TIMEFRAME FROM RECEIPT OF P.O.: _____ **DAYS**

WARRANTY PERIOD / TERMS / CONDITIONS: _____

PRINTED NAME: _____

SIGNATURE: _____

DATE: _____

EMAIL: _____ **PHONE:** _____

VENDOR NAME: _____

VENDOR LOCATION (ADDRESS, CITY, STATE, ZIP): _____

